#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hai-Zhi SONG

Serial Number: Not Yet Assigned

Filed: February 20, 2004

For: QUANTUM SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING

THE SAME

### **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

February 20, 2004

Sir:

In compliance with 37 CFR 1.56, Applicant calls to the attention of the Patent and Trademark

Office the references listed on the attached PTO-1449.

A copy of each of the references, except for the U.S. patent reference, is enclosed herewith.

In the event there are any fees due in connection with the filing of this paper, please charge

Deposit Account No. <u>01-2340</u>.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449; References (10)

INFORMATION DISCLOSURE STATEMENT PTO-1449

Atty. Docket No. 040070	Serial No. New Application
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Applicant(s): Hai-Zhi SONG

Filing Date: February 20, 2004 Group Art Unit: Not Yet Assigned

# U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA	6,335,245	B.G. Park et al.	01/01/02			
	AB						

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
AC	6-196720	07/15/94	Japan	Yes-Abstract
 AD	2002-518851	06/25/02	Japan	No-Corresponds to WO 99/66562
 AE	10-303408	11/13/98	Japan	Yes-Abstract
 AF	11-150261	06/02/99	Japan	Yes-Abstract
 AG	5-211342	08/20/93	Japan	Yes-Abstract
AH AI	2000-91451 2001-7315	03/31/00 01/12/01	Japan Japan	Yes-Abstract Yes-Abstract

## OTHER DOCUMENTS

	<ul> <li>U.F. Keyser et al.; "Fabrication of a single-electron transistor by current-controlled local oxidation of a two-dimensional electron system"; Applied Physics Letters; Vol. 76; No. 4; January 24, 2000; pp. 457-459.</li> <li>T. Fujisawa et al.' "Transient current spectroscopy of a quantum dot in the Coulomb blockade regime"; Physical Review B; Vol. 63; 081304(R); 2001; 4 pages.</li> <li>Abstract of WO 99/66562 published December 23, 1999/Corresponds to Japanese document number 2002-518851.</li> </ul>
Examiner	Date Considered